

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended): A procedure for [therapeutic] treatment of human and animal [tissue] tissues surrounding articular joints evidencing symptoms of fibromyalgia comprising the steps of:

identifying [the tissue to be treated] an articular joint evidencing symptoms of fibromyalgia;

sandwiching the [identified] tissue surrounding the identified articular joint between one or more pairs of opposed emitter pads in contact with the skin; and

applying a biphasic [faradic] pulse sequence to the pairs of emitter pads to stimulate deep layered muscle contractions in the [identified] sandwiched tissue.

2. (currently amended): A procedure according to claim 1, said biphasic [faradic] pulse being rectangular and having a waveform with nominal parameters including a duty cycle of approximately 1.5 seconds on and 1.5 seconds off.

3. (currently amended): A procedure according to claim [1] 2, said [biphasic faradic pulse having a waveform with] nominal parameters further including a repetition frequency of approximately 57 Hz.

4. (currently amended): A procedure according to claim [1] 2, said [biphasic faradic pulse having a waveform with] nominal parameters further including a pulse width of approximately 110 microseconds.

5. (original): A procedure according to claim 1 further comprising the steps of:
setting the intensity of the biphasic pulse sequence at an initial level; and
incrementally increasing the intensity in response to the tolerance level of the patient.

Claim 6 (new): A procedure according to claim 2, said nominal parameters further including a pulse period of approximately 18 milliseconds.

Claim 7 (new): A procedure according to claim 6, said nominal parameters further including a time between initiation of positive and negative pulses of approximately 9 milliseconds.

Claim 8 (new): A procedure according to claim 2, said nominal parameters including a peak open circuit voltage of approximately 140 volts with an output impedance of approximately 500 ohms.

Claim 9 (new): A procedure for treatment of human and animal tissue surrounding articular joints evidencing symptoms of fibromyalgia comprising the steps of:

identifying an articular joint evidencing symptoms of fibromyalgia;

sandwiching the tissue surrounding the identified articular joint between one or more pairs of opposed emitter pads in contact with the skin; and

applying a pulse sequence to the pairs of emitter pads to stimulate deep layered muscle contractions in the identified tissues, said pulse sequence being a biphasic rectangular pulse sequence having a waveform with nominal parameters including a duty cycle of approximately a 1.5 seconds on and 1.5 seconds off, a repetition frequency of approximately 57 Hz, and a pulse width of approximately 110 microseconds.

Claim 10 (New): A procedure according to claim 9, said nominal parameters further including a time between initiation of positive and negative pulses of 9 milliseconds.

Claim 11 (new): A procedure according to claim 10, said nominal parameters including a peak open circuit voltage of approximately 140 volts with an output impedance of approximately 500 ohms.

Amendments to the Drawings:

A copy of the originally filed informal drawings is attached to the originally filed specification and claims enclosed herewith. The replacement sheets attached to this Preliminary Amendment are the formal drawings as filed in parent application Serial No. 10/131,376.